Phonemanager 3

Manual

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pei tel Communications GmbH
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Table of Contents

Document History **4**
Introduction **5**
Terms of Use **6**
Hints for Avoiding Common Errors **7**
Using a Multi-SIM Card in a PTCarPhone 7
The Phone Book of a PTCarPhone Comprises SIM Contacts Only 7
The Phone Number of the PTCarPhone is Changed (New SIM Card) 8
The Phonemanager 3 Does Not Work with My PTCarPhone 8
Acronyms and Terminology **9**
1 General Information **10**
1.1 System Requirements 10
1.2 Data Transmission between Computer and Phone 10
1.3 Purpose 11
1.4 Database 11
2 Installation **12**
2.1 Installation Procedure 12
3 Running the Phonemanager 3 ..... **15**
3.1 License Activation 15
3.2 Main Menu 16
3.3 License Deactivation 17
4 Available Menu Actions **18**
4.1 Title Bar 18
4.2 Menu Bar 18
4.3 File 19
4.3.1 Data Import 19
4.3.2 Data Export 22
4.3.3 Backing up the Database 24
4.3.4 Restoring the Datenbase 24
4.4 Settings 25
4.4.1 Language 25

4.4.2 FTP Settings 26
4.5 Address Book 28
4.6 Phone List 29
4.7 Work Window 33
4.8 Action Panel 34
4.9 Transaction List 35
5 Using the Phonemanager 3 37
5.1 Addresses 37
5.1.1 Creating a New Contact 37
5.1.2 Editing a Contact 38
5.1.3 Deleting a Contact 38
5.1.4 Contact Groups 39
5.1.5 Searching for Contacts and Contact Groups 40
5.2 Phones 41
5.2.1 Creating a New Phone 41
5.2.2 Editing a Phone 46
5.2.3 Deleting a Phone 46
5.2.4 Phone Groups 47
5.2.5 Searching for Phones and Phone Groups 48
5.3 Phone Book 49
5.3.1 Adding a Phone Book Entry 50
5.3.2 Editing a Phone Book Entry 51
5.3.3 Deleting a Phone Book Entry 51
5.3.4 Searching for Phone Book Entries 51
5.3.5 Visibility 51
5.3.6 Speed Dialing 51
5.3.7 Exporting All Phone Book Entries 52
5.3.8 Importing All Phone Book Entries 52
5.4 Phone Settings 53
5.4.1 Configure the Delay Timer 54
5.4.2 Configuring the Operation Mode 55

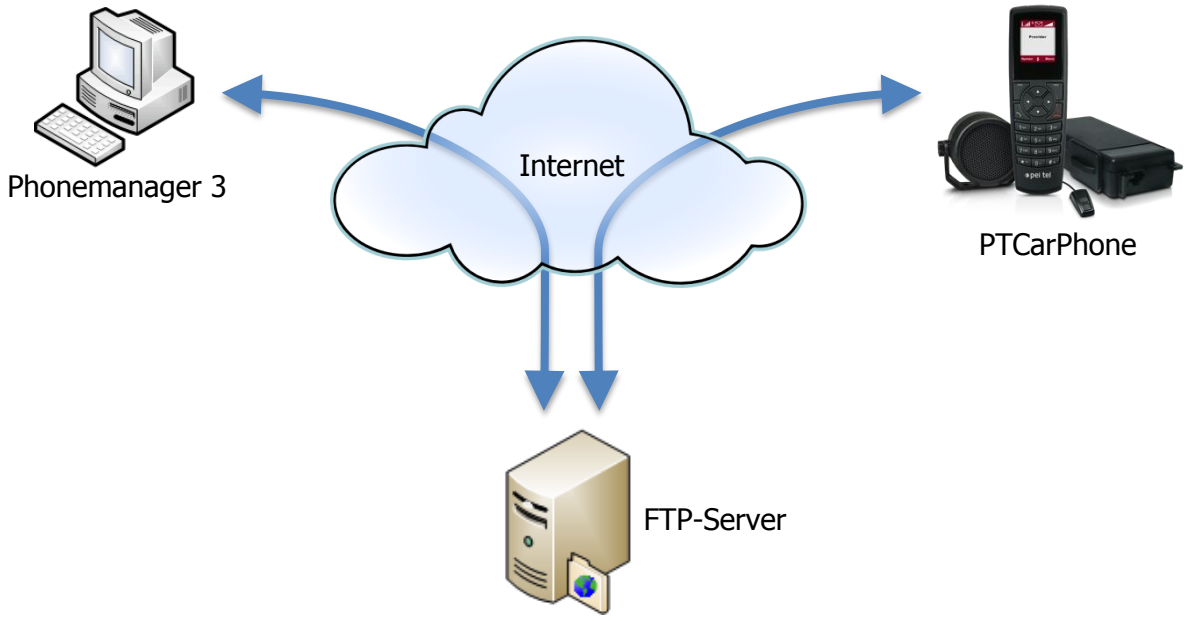
Document History

Date	Revision	Author	Remark
Oktober 2013	1.0	RN/CM	Erstausgabe (German Original)
November 2013	1.0en	TBP	English Translation
December 2013	1.1	RN/CS	Online password added

Introduction

The Phonemanager 3 is a database-based Windows® application to manage and update the phone books and other configuration settings of remote PTCarPhone systems. It eliminates the time-consuming, repetitive configuration of the individual PTCarPhone systems of a fleet of vehicles. The Phonemanager 3 is a valuable central tool for the simple and efficient management of complete sets of remote PTCarPhone systems.

The transmission of configuration updates to the individual PTCarPhones uses an FTP server as a relay. The Phonemanager 3 places configuration files onto this server. These are fetched automatically and processed by the targeted PTCarPhone systems approximately 3 minutes after turning on the ignition. A PTCarPhone will delete its processed configuration file from the FTP server to signal the successful completion of the update to the Phonemanager 3.



Terms of Use

The purchase of the Phonemanager 3 entitles to the use of the software on one (1) computer. This license is represented by a license key. When a license key is used to activate a copy of the Phonemanager 3, it is verified over the Internet and tied to a computer. From then on, the Phonemanager 3 will only run on this specific computer. The license key can only be re-used for another computer after it has been released by the deactivation of the license (see 3.3 License Deactivation). These measures prevent the misuse of your purchased license.

Hints for Avoiding Common Errors

The following hints are to provide assistance for common error conditions so that their cause can be located quickly and the errors can be resolved.

Using a Multi-SIM Card in a PTCarPhone

If a PTCarPhone with a Multi-SIM card is to be managed by the Phonemanager 3, the SIM card must be configured for the reception of SMS messages. The corresponding activation command (e.g. ***222# + Call**) can be issued directly via the handset of the PTCarPhone. Request the correct command code from your cellphone provider.

The Phone Book of a PTCarPhone Comprises SIM Contacts Only

Check the configuration option **Operation Mode** of the PTCarPhone under **MENU > OPTIONS > DEVICE > CONFIGURATION > CHANGE > OPERATION MODE**. Make sure that **Operation Mode 1** is selected.

Note:
If Operation Mode 0 is selected, make sure that under **MENU > PHONE BOOK > STORAGE** the **Phone** is selected as storage location. Otherwise, the phone book entries configured and transmitted by the Phonemanager 3 will not be visible on the phone.

The Phone Number of the PTCarPhone is Changed (New SIM Card)

If the phone number of a PTCarPhone system changes, the phone must be re-initialized in the Phonemanager 3. First, export the complete phone book of the effected phone using the Phonemanager 3 (see 5.3.7 Exporting All Phone Book Entries). Then, press the button **Delete** to remove the phone from the Phonemanager 3. Now, replace the SIM card of the phone and use the button **New Phone** to re-establish the association with the Phonemanager 3. Refer to the previous note if you are using a Multi-SIM card. Finally, restore the exported phone book by importing it to the new phone record. (see 5.3.8 Importing All Phone Book Entries).

The Phonemanager 3 Does Not Work with My PTCarPhone

Verify that all system requirements both of your computer and your PTCarPhone system are met (see 1.1 System Requirements).

Acronyms and Terminology

This manual uses various acronyms and technical terminology, which is explained in the following listing.

Acronym / Term	Definition
*.csv	File Format (comma-separated values): used by the Phonemanager 3 for the export of phone configurations.
*.pm3ab	File Format: used by the Phonemanager 3 for the export and import of address books.
*.pm3pb	File Format: used by the Phonemanager 3 for the export and import of phone books.
Byte	Data unit of 8 bits.
Download	Reception of remote data onto the local computer.
EDGE	Technique for increasing the data bandwidth in GSM networks.
FTP	File Transfer Protocol for the transmission of data files from or to a server.
GPRS	Datagram service for the transmission of data within GSM networks.
HTTP	Hypertext Transfer Protocol
IMEI	Unique 15-digit identifier of each mobile GSM and UMTS device.
IMSI	Unique identifier of a user within GSM and UMTS networks.
kB	Kilobyte (1 kB = 1024 Byte)
MB	Megabyte (1 MB = 1024 kB)
Provider APN	Access Point for accessing a GSM or UMTS data network.
UMTS	Third-generation (3G) mobile phone standard offering significantly higher data bandwidth than GSM.

1 General Information

Note:
This manual as well as the Phonemanager 3 software refer to PTCarPhone systems as phones.

1.1 System Requirements

The following minimum system requirements must be met for the correct operation of the Phonemanager 3:

- Intel® Pentium®-4 processor with a clock frequency of 1 GHz (or comparable),
- 512 MB RAM,
- 120 MB space on a hard drive,
- Operating system: Microsoft® Windows® XP, Windows® Vista, Windows® 7, Windows® 8,
- Internet connectivity with access to HTTP (port 80) and FTP (ports 20 and 21) services,
- Read and write access to an FTP server,
- Screen resolution of 1024 x 768, and
- PTCarPhone of the third (PTCarPhone 3) or the fourth (PTCarPhone 4) generation with software versions 3.09.**10** or 3.10.**10** or higher.

A SIM card with data option for the transmission of data via GPRS/EDGE or UMTS is recommended for the PTCarPhone.

1.2 Data Transmission between Computer and Phone

The data transmission between the computer and the individual PTCarPhones uses an FTP server as a relay storage for configuration files. This server is not included in the Phonemanager 3 software. Various service providers offer FTP servers for rent. A storage capacity of about 100 MB on the server is typically sufficient.

1.3 Purpose

The Phonemanager 3 manages one or more PTCarPhone systems. It provides the following operations:

- Adding, editing and removing phone book entries,
- Setting the operation mode,
- Configuring the delay timer,
- Blocking and unblocking of the entries of the phone book of the PTCarPhone,
- Assigning speed-dial buttons to phone book entries (not available in operating mode 0),
- Configuring the GPRS parameters, and
- Diagnosing the PTCarPhone systems associated with the Phonemanager 3:
    - IMEI,
    - IMSI,
    - Delay timer,
    - PTCarPhone software version, and
    - Operation mode.

1.4 Database

The Phonemanager 3 stores all address and phone book entries as well as its program settings in the database file **PhonemanagerDB.sdf**. Typically, the installer will create this file in the following directory:

C:\Documents and Settings\All Users\Documents\pei tel\Phonemanager3

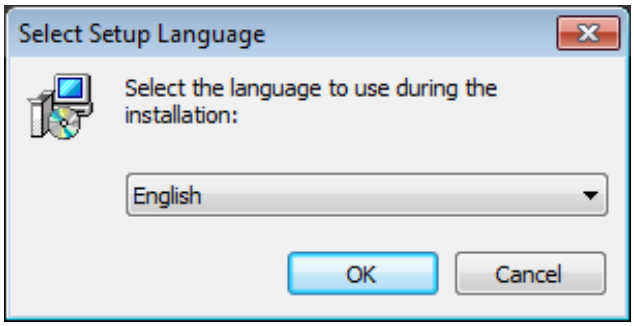
Depending on the Windows® version, the exact path may differ. The Phonemanager 3 accesses this database file constantly. So, ensure that this database is not deleted, not damaged and not modified by other applications.

2 Installation

For the installation of the Phonemanager 3 on your computer, execute the setup wizard by double-clicking **setup.exe**.

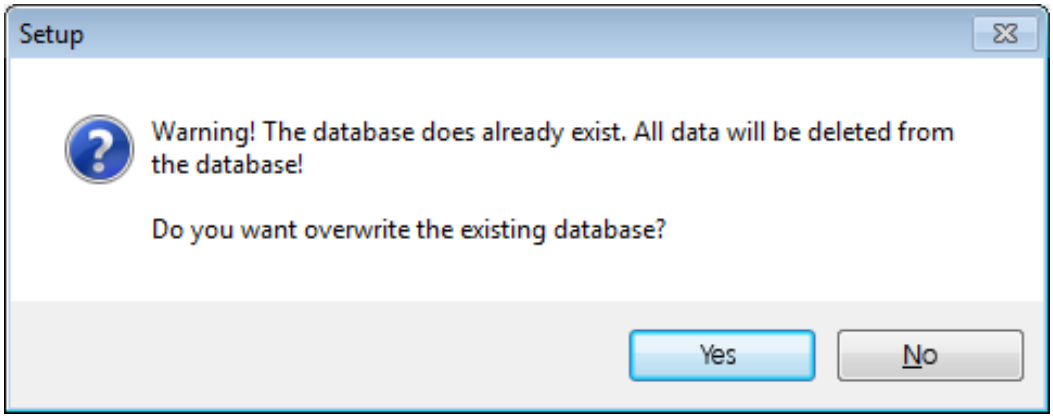
2.1 Installation Procedure

After startup, the setup wizard will ask you for your preferred language:



Your selection will also be automatically adopted by the Phonemanager 3 application.

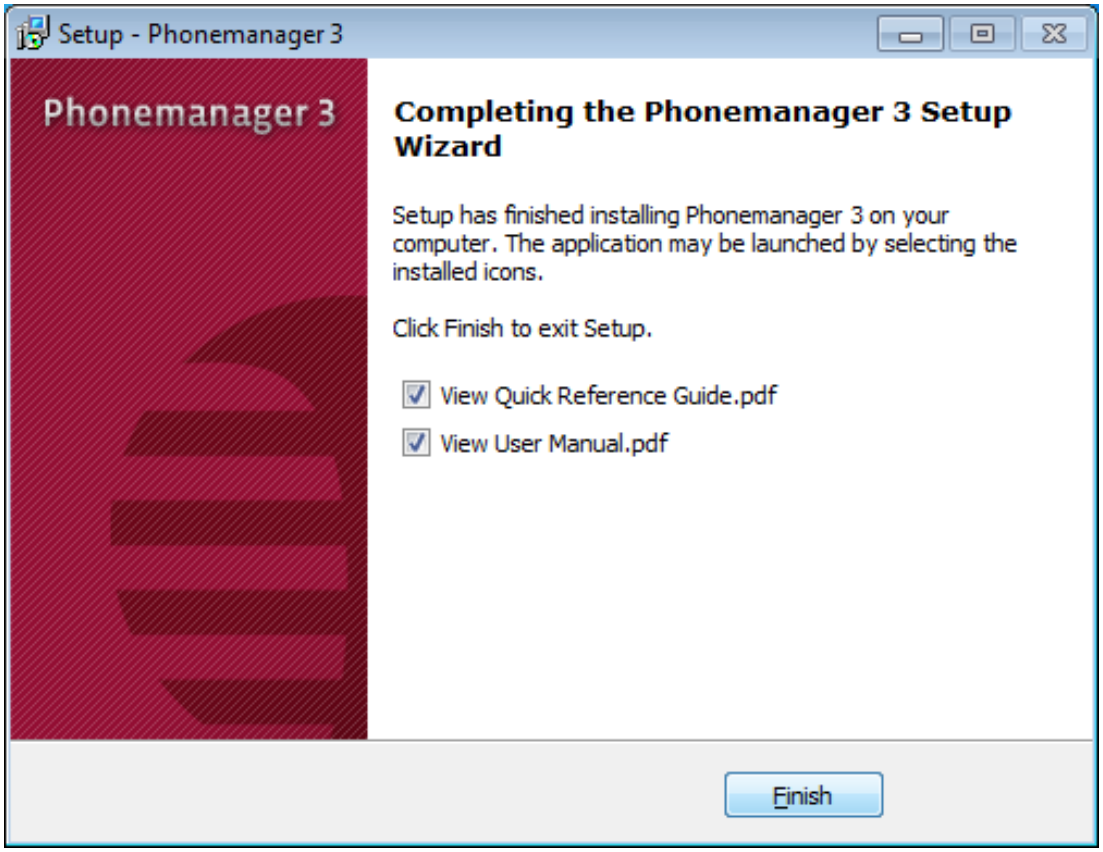
Continue by following the instructions of the setup wizard.


Setup
Warning! The database does already exist. All data will be deleted from the database!
Do you want overwrite the existing database?
Yes
No

If the setup wizard detects the database of a previous Phonemanager 3 installation, the warning above will be displayed. Selecting **Yes** confirms the replacement of the existing database by a fresh empty default database.

Warning:
Overwriting the existing database will delete all database entries (including the address and phone books) of the previous Phonemanager 3 installation!

Selecting **No** declines the replacement of the existing database and continues the installation of the new Phonemanager 3 based on the existing database.


Setup - Phonemanager 3
Phonemanager 3
Completing the Phonemanager 3 Setup Wizard
Setup has finished installing Phonemanager 3 on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
View Quick Reference Guide.pdf
View User Manual.pdf
Finish

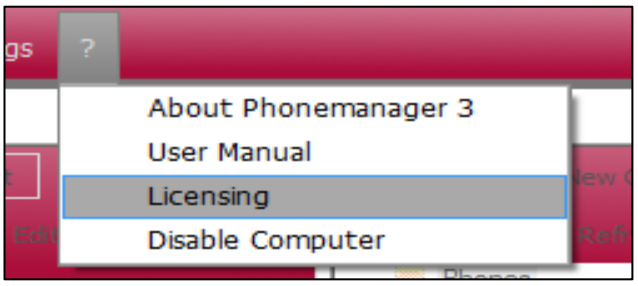
The final window of the wizard allows you to select some relevant manuals for immediate display. Pushing the **Finish** button completes the installation process.

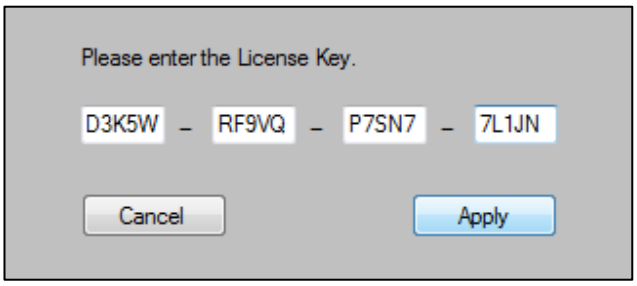
3 Running the Phonemanager 3

Ensure proper Internet connectivity before executing the Phonemanager 3.

3.1 License Activation

The program functionality of an installation is restricted until the Phonemanager 3 is activated by a valid license key. Select the menu entry **Licensing** as shown below to enter your license key.





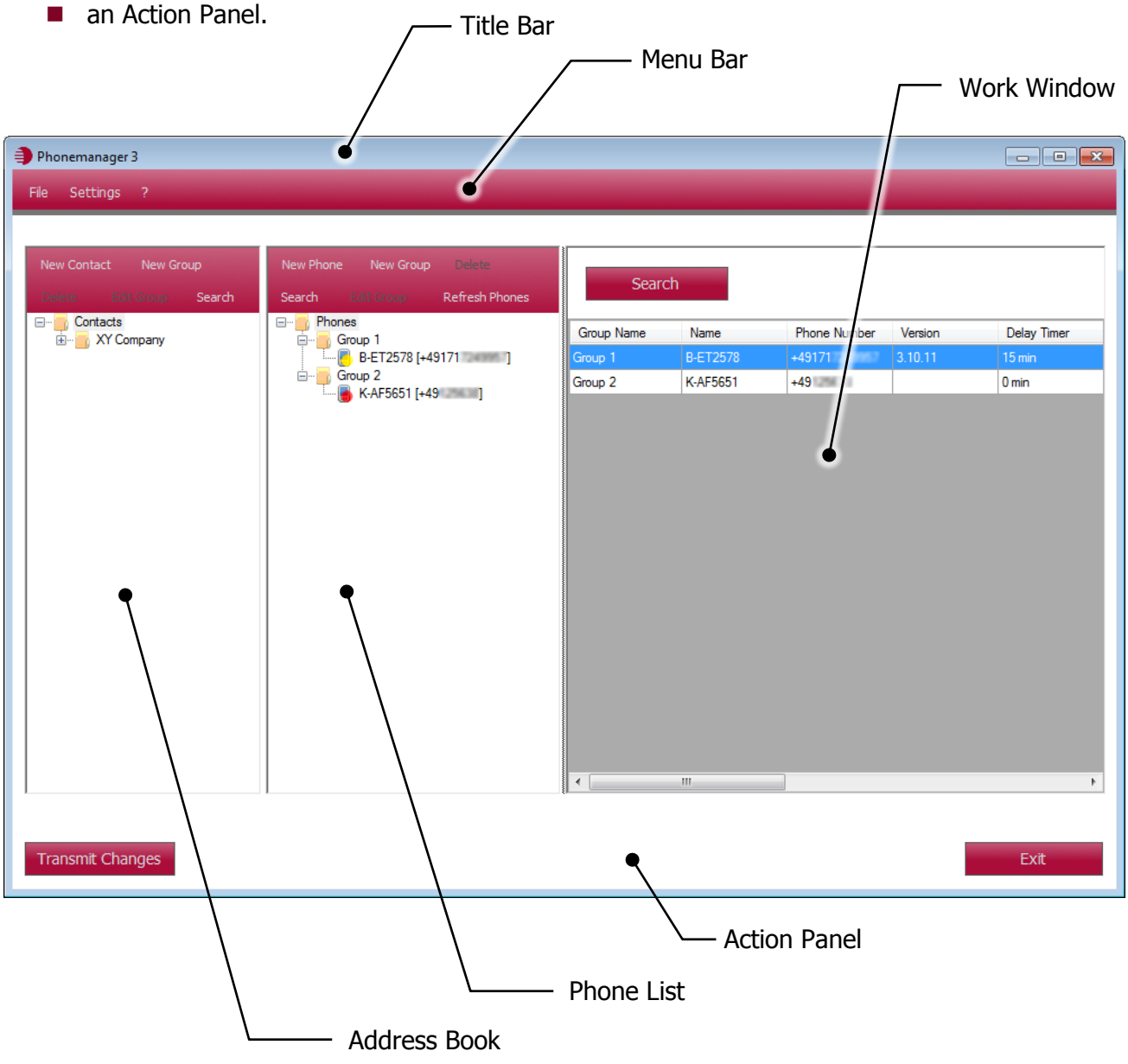
Enter the **license key** that you have received by e-mail into the provided text fields. Confirm your entry by pressing **Apply**. The window will close upon the entry of a valid license key. Otherwise, you will be informed, that the key is invalid. Please, verify that you have typed in your original key correctly.

Note:
Refer to the notes under the Terms of Use.

3.2 Main Menu

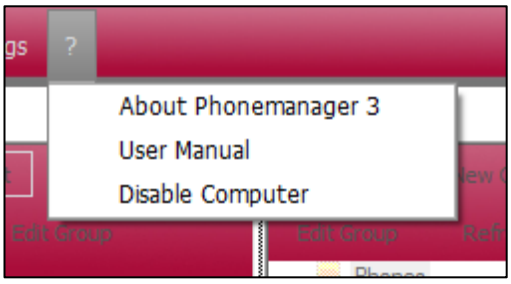
The main menu of the Phonemanager 3 contains the following elements:

- A Title Bar,
- A Menu Bar,
- An Address Book,
- A Phone List,
- A Work Window, and
- an Action Panel.



3.3 License Deactivation

Prior to uninstalling or deleting your Phonemanager 3 installation or the host system, make sure to deactivate the used license key via the menu entry **? > Disable Computer**. This enables you to re-use your purchased license key, for instance, for a Phonemanager 3 installation on another computer.



Note:

If you are no longer able to access your computer or your Phonemanager 3 installation to deactivate your license key, our customer service will reset your license key for a processing fee. Simply contact service@ptcarphone.de by e-mail.

4 Available Menu Actions

4.1 Title Bar

The title bar provides all generic window handling functions such as moving, maximizing, minimizing and closing the window.

4.2 Menu Bar

- **File**
  - Import...
  - Export...
  - Save Database
  - Restore Database
  - Quit
- **Settings**
  - Language
    - English
    - Deutsch
  - FTP Settings
- **?**
  - About Phonemanager 3
  - User Manual
  - Licensing (see 3.1 License Activation)
    (Only available as long as no valid license key has been supplied.)
  - Disable Computer (see 3.3 License Deactivation)
    (Only available after a valid license key has been supplied.)

4.3 File

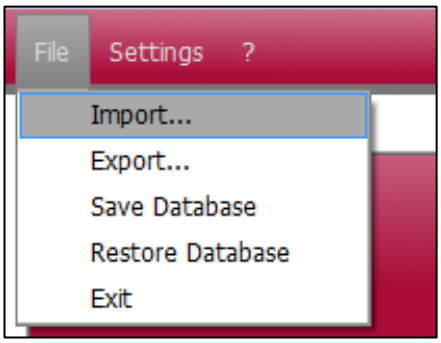
The **File** menu provides access to functions for exporting, importing and saving the Phonemanager 3 database.

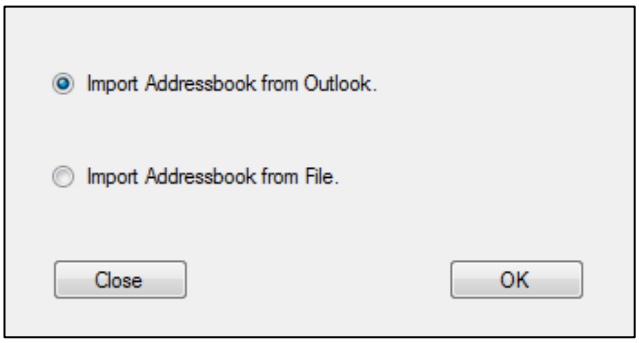
4.3.1 Data Import

Additional addresses can be added to the Phonemanager 3 addressbook by importing a previously exported address book or by importing Microsoft® Outlook® contacts (Outlook® 2003 to Outlook® 2010).

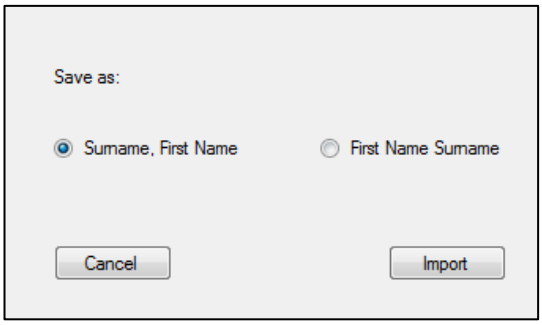
4.3.1.1 Importing Outlook® Contacts

Outlook® must be running in order to import its contact data to the Phonemanager 3 address book. Select **File > Import...** from the menu of the Phonemanager 3 and choose **Import Adressbook from Outlook**.





Then, select the sort order, by which the Outlook® contacts are to be imported.

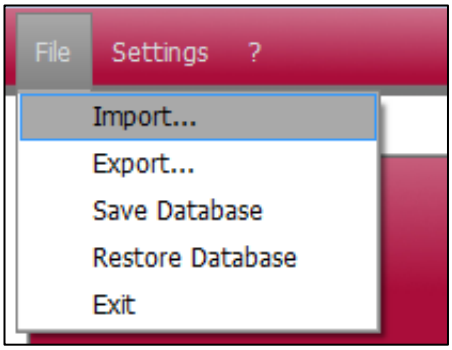


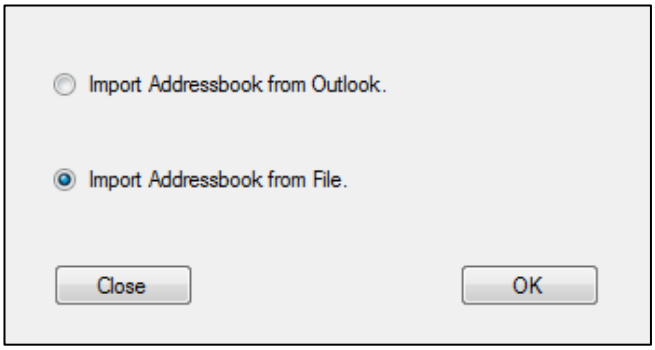
Note:

Depending on their number, the import of your Outlook® contacts may take several seconds.

4.3.1.2 Importing an Address Book from a File

Select **File > Import...** from the menu of the Phonemanager 3 and choose **Import Adressbook from File** in order to import a previously exported pm3ab-file.





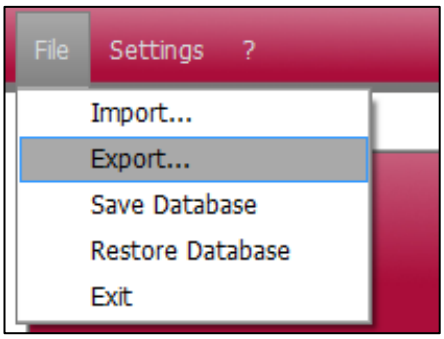
In the subsequent step, choose the address book file (*.pm3ab) and confirm your choice by pushing the **Open** button. The contents of the selected file will then be added to the address book.

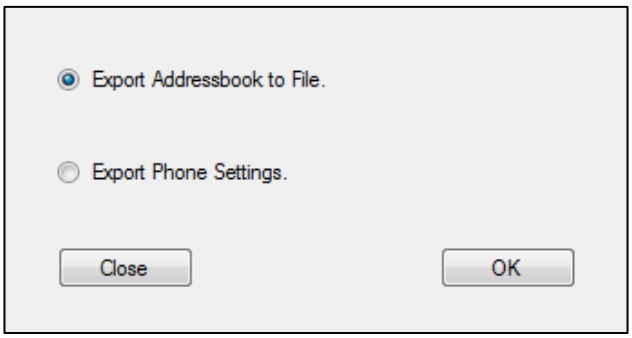
4.3.2 Data Export

The Phonemanager 3 provides various export operations. They allow the simple exchange of data between different Phonemanager 3 installations.

4.3.2.1 Exporting the Adress Book to a File

Select **File > Export...** from the Phonemanager 3 menu and choose **Export Adressbook to File** to export the complete address book.

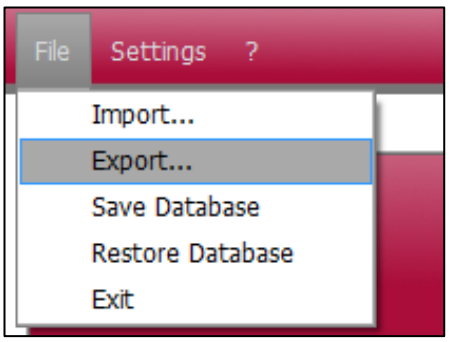


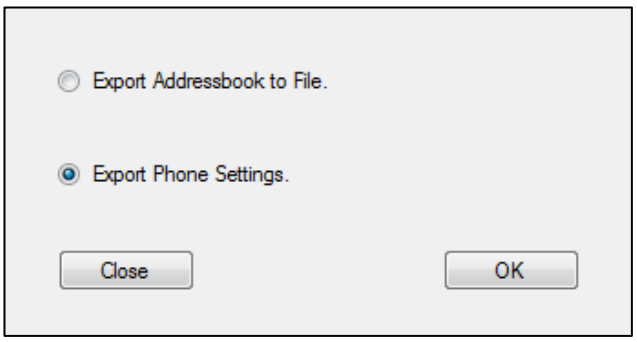


In the subsequent step, specify the file (*.pm3ab) to save the addresses to and confirm the export by pushing the **Save** button. All entries of the address book will then be stored to the specified file.

4.3.2.2 Exporting the Phone Settings to a File

Select **File > Export...** from the Phonemanager 3 menu and choose **Export Phone Settings** to export the settings of all listed phones.





The phone settings are saved to a CSV file (*.csv), which you specify subsequently. Confirm the export by pushing the **Save** button. The settings and configuration of all **phones** will then be stored to the specified CSV file (*.csv).

4.3.3 Backing up the Database

Phonemanager 3 operations regularly rely on the access to the database file **PhonemanagerDB.sdf**. The availability and integrity of this file must be ensured constantly. A regular backup of this vital resource is strongly recommended. Phonemanager 3 provides an appropriate backup function.

For the backup of the database, select **File > Save Database** from the Phonemanager 3 menu. In the provided dialog, specify the location to save the database and confirm the action by pushing the **Save** button.

4.3.4 Restoring the Datenbase

Select **File > Restore Database** from the Phonemanager 3 menu to restore a database backup. In the following dialog, choose the backup file to restore and confirm your choice by pushing the **Open** button.

After the restoration of the selected database, the Phonemanager 3 will automatically restart.

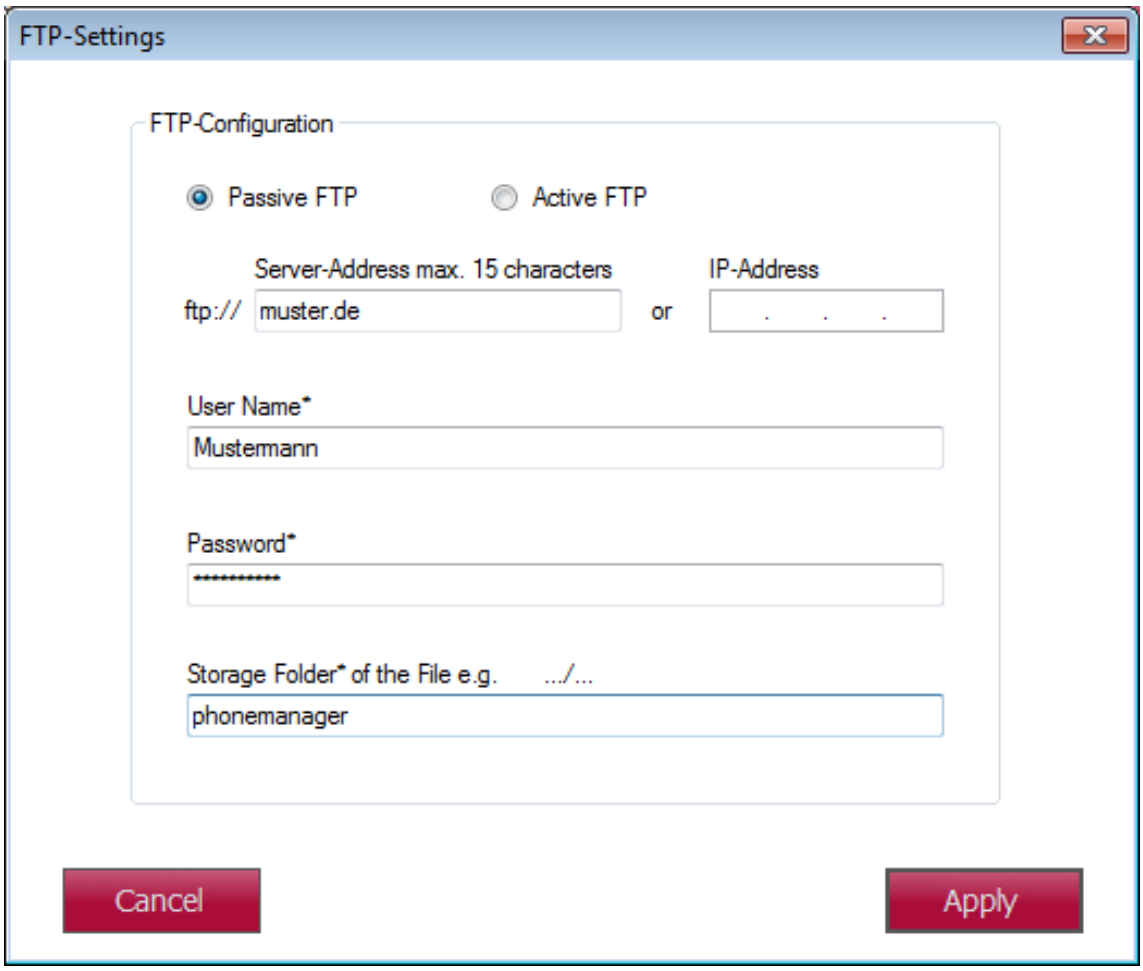
4.4 Settings

The **Settings** menu allows you to change the language used by your Phonemanager 3 installation and to configure the connection settings for accessing the FTP server.

4.4.1 Language

This menu option allows you to change the language of your Phonemanager 3 installation. The Phonemanager 3 will automatically restart after changing the language.

4.4.2 FTP Settings

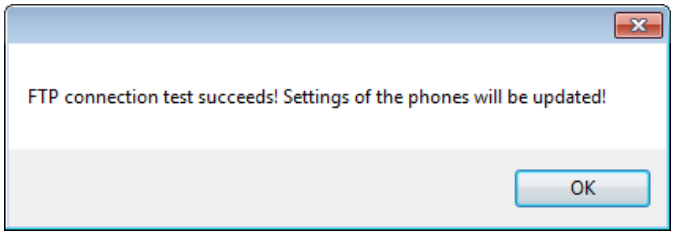


Active vs. Passive FTP [Wikipedia: http://en.wikipedia.org/wiki/Ftp#Communication_and_data_transfer]:
FTP may run in *active* or *passive* mode, which determines how the data connection is established. In active mode, the client creates a TCP control connection. In situations, where the client is behind a firewall and unable to accept incoming TCP connections, *passive mode* may be used. In this mode, the client uses the control connection to send a PASV command to the server and then receives a server IP address and server port number from the server, which the client then uses to open a data connection from an arbitrary client port to the server IP address and server port number received. Both modes were updated in September 1998 to support IPv6. Further changes were introduced to the passive mode at that time, updating it to *extended passive mode*.

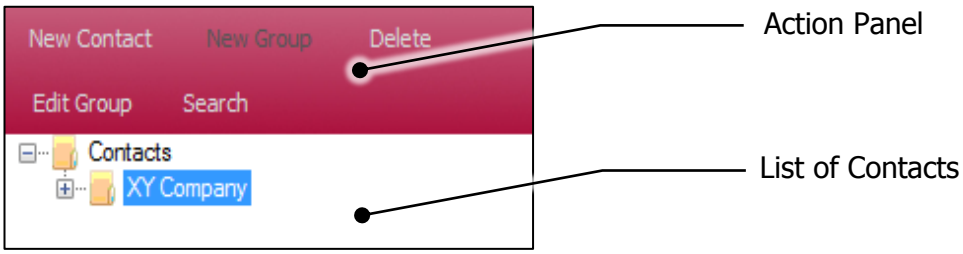
Server Name or IP Address:

The server name may only have a length of 15 characters. Servers with longer names may alternatively be identified by their IP4 address. Use a DNS lookup service or ask your FTP service provider to retrieve the IP4 address of your server.

After **Apply**ing the FTP settings, the reachability of the specified server will be checked automatically. The successful establishment of a connection will be confirmed by the following message:



4.5 Address Book



The **Address Book** display comprises the following elements:

- an Action Panel, and
- the List of Contacts.

The **Address Book** lists all known contacts in a tree structure. It enables the grouping of contacts to improve overview and navigability.

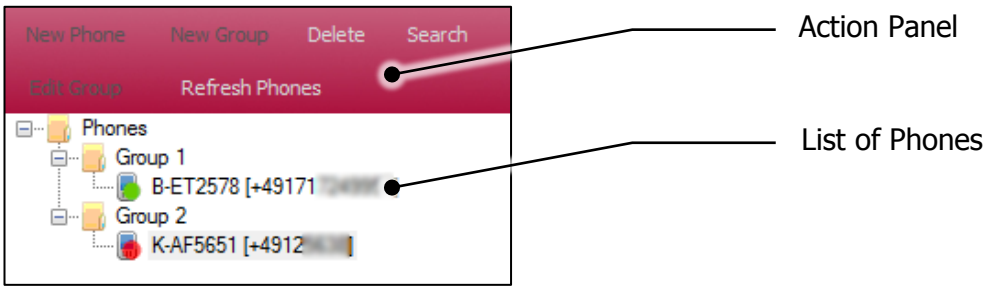
The buttons **New Contact** and **New Group** enable the creation of a new contact and a new contact group, respectively.

Pushing the button **Delete** deletes the selected contacts or contact groups. The active selection is identified by a blue background in the List of Contacts.

Individual contacts may be moved into or between contact groups by drag & drop using the mouse. Moving contact groups is not possible.

The action button **Search** gives access to a search function to locate contact records especially within larger address books.

4.6 Phone List



The **Phone List** display comprises the following elements:

- an Action Panel, and
- the List of Phones.

The **Phone List** includes all configured phones in a tree structure. It enables the grouping of phones to improve overview and navigability.

The buttons **New Phone** and **New Group** enable the creation of a new phone entry and a new phone group, respectively.

Pushing the button **Delete** deletes the selected phones or phone groups. The active selection is identified by a blue background in the List of Phones.

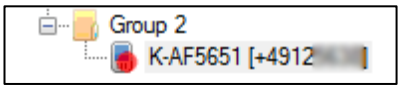
Individual phone entries may be moved into or between phone groups by drag & drop using the mouse. Moving phone groups is not possible.

The action button **Search** gives access to a search function which can be used to locate phone entries especially within larger phone lists.

The displayed phones may be annotated by different status indicators with the following meanings:

Red Dot: Uninitialized Phone

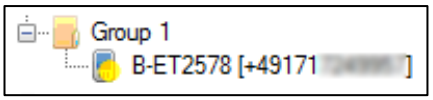
- The phone is newly created (see 5.2.1 Creating a New Phone).
- The phone number has been changed (see 5.4 Phone Settings).
- The GPRS settings have been changed (see 5.2 Phones).
- The FTP settings have been changed (see 4.4.2 FTP Settings).



After performing any of these actions, the effected phone must be re-initialized. This process can only be completed when the phone is powered up. The initialization only takes a few minutes. Select **Refresh Phones** to update the displayed phone status. A green dot will signal the successful completion of the initialization.

Yellow Dot: Phone out of Sync

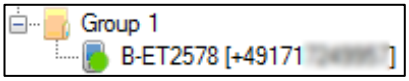
- The delay timer has been changed (see 5.4.1 Configure the Delay Timer).
- The operating mode has been changed (see 5.4.2 Configuring the Operation Mode).
- A software update has been initiated (see 5.4 Phone Settings).
- One or more phone book entries have been added, altered or deleted (see 5.3 Phone Book).



After performing any of these actions, the status of the effected phone will remain out of sync as long as the configuration of the physical phone differs from the settings made in the Phonemanager 3. To regain synchronization, select **Transmit Changes** from the action panel in the footer of the main window. The completion of the synchronization will be signaled by a green status indicator. (see 4.8 Action Panel & 4.9 Transaction List).

Green Dot: Phone in Sync

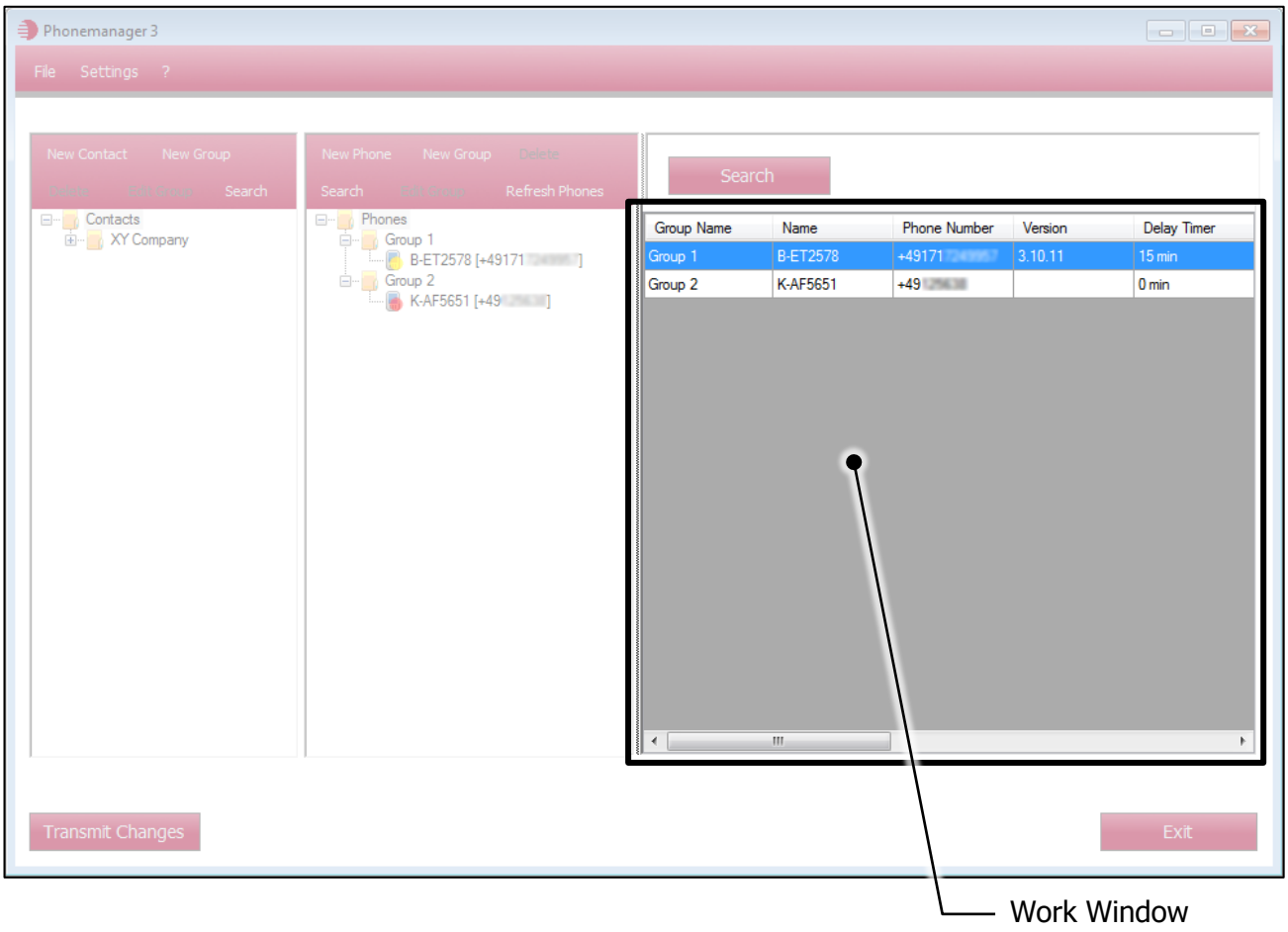
- All configuration settings and updates of the phone book (including speed-dial and visibility settings) have been transmitted to and committed on the phone.



After the processing of the transaction list (see 4.9 Transaction List), the configuration must be performed by the phone itself. The configuration is triggered by turning the phone off and on or by starting the ignition of the vehicle the phone is built into. After about 3 minutes, the phone will automatically load its configuration file from the FTP server, process it, and delete it from the server. This completes the configuration process.

Pushing **Refresh Phones** updates the displayed phone statuses (red/yellow/green dot). The figure above depicts a phone, which is in sync with its Phonemanager 3.

4.7 Work Window

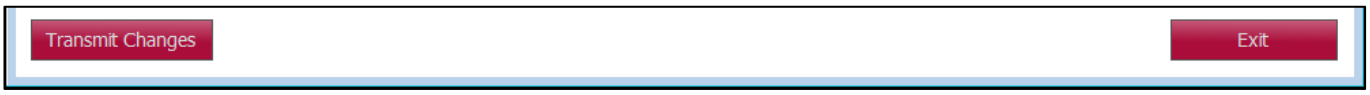


The contents of the work window changes in accordance to the executed action or a selection.

The following window contents are available:

- Display and edit ...
  - the phones of a phone group – upon the selection of a phone group,
  - the settings and phone book entries of a phone – upon the selection of a specific phone,
  - all pending updates not yet transferred to a phone – upon the selection of a specific phone,
  - the contacts of a contact group – upon the selection of a contact group, and
  - contact details – upon the selection of an individual contact.
- Setup a new phone – upon selecting the **New Phone** action, and
- Create a new contact – upon selecting the **New Contact** action.

4.8 Action Panel



The action panel in the footer of the main window contains the buttons **Transmit Changes** and **Exit**.

Upon the setup of a new phone or upon the modification of phone settings, the button **Transmit Changes** of the action panel becomes available. With its selection, all pending updates made within the Phonemanager 3 will be transmitted to the effected phones.

Pushing **Exit** closes the Phonemanager 3. If there are pending updates, they will be stored to disk but they will not be transmitted to the phones.

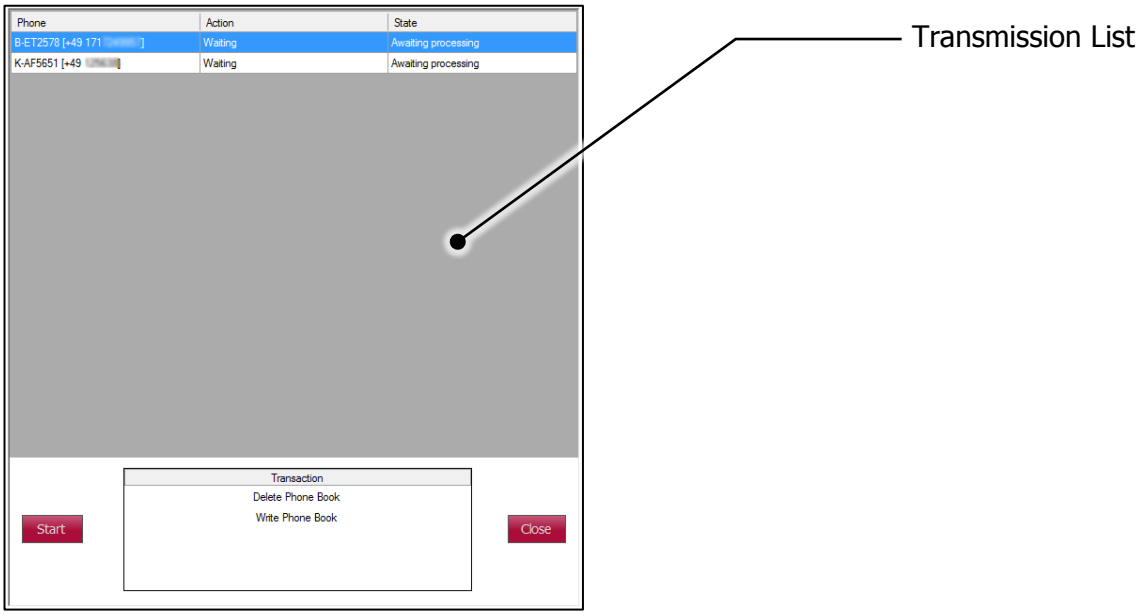
4.9 Transaction List

The transaction list collects and displays all pending updates of the settings and the phone books of the managed phones. Each update is associated with its effected phone.

The Phonemanager 3 will automatically associate and merge changes applied to the same phone even if another phone has been updated in between. When the collected updates are to be transmitted, the program will optimize the list of changes pending for a phone and ensure that no update requests are lost.

The time to transmit the list of pending updates can be chosen freely. You may transmit small sets of changes or continue with editing the same or other phones so as to transmit accumulative updates later.

Selecting the button **Transmit Changes** opens the Transmission List.



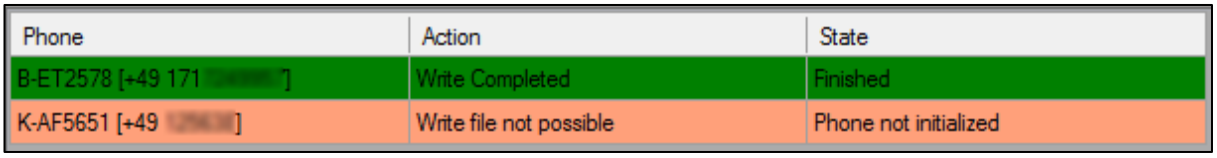
The Transmission List contains all phones with pending configuration or phone book updates.

The Transmission List provides the following information:

- **Phone:** Name and phone number of the PTCarPhone system.
- **Action:** Processing state of the pending transmission.
- **State:** State of the actual transmission of the phone update.

By selecting an individual entry of the transmission list, the transaction list associated with the corresponding phone can be inspected.

Pushing the **Start** button will initiate the transmission of all pending updates to the FTP server. All transmissions are uploaded one after another. The **Action** column identifies the current operation of each transmission. The **State** column will then indicate its result. The successful or unsuccessful completion of a transmission will be emphasized by a corresponding background color.



Phone	Action	State
B-ET2578 [+49 171]	Write Completed	Finished
K-AF5651 [+49]	Write file not possible	Phone not initialized

Green: The transmission was completed successfully.

Red: The transmission could not be completed.

A failed transmission may indicate the following error conditions:

- The intialization of a new phone could not be completed.
  - The phone must be powered up to complete the initialization procedure.

- The configuration file could not be uploaded to the FTP server.
  - Please, verify the proper connectivity to your FTP server.
  - Please, verify that read and write access rights are granted on the FTP server.

Pushing the **Close** button returns from the Transmission List without transmitting pending updates.

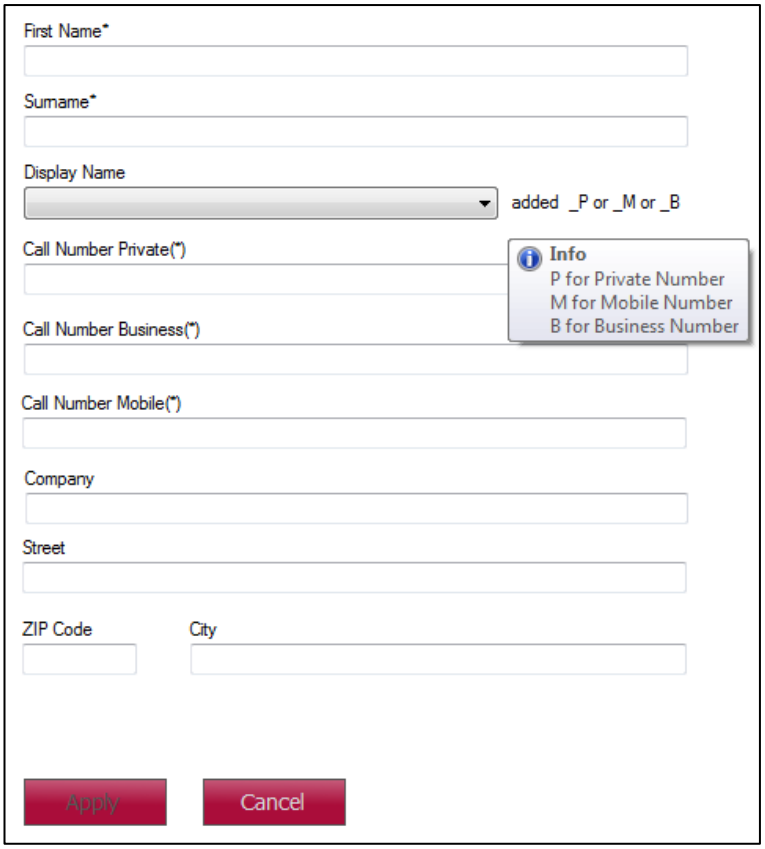
5 Using the Phonemanager 3

5.1 Addresses

The address book manages all contact details and phone numbers. The device-internal phone books of the individual car phones are composed of this pool of contact data.

5.1.1 Creating a New Contact

For creating a new contact, select the **New Contact** action within the address book. All fields marked with an asterisk * are mandatory. At least one of the fields marked with an asterisk in parentheses (*) must be filled with a valid phone number. All other details, such as **Company**, **Street**, **ZIP Code**, and **City** are optional.



The field **Display Name** defines how the contact is displayed in the phone book after it has been transmitted to the car phone. This field is automatically filled as the first and last names are entered. Changes of the first and last names are automatically reflected. By default, the **Display Name** is constructed in the order **First Name – Surname**. Other options may be selected from the drop-down menu. The system restricts the length of the **Display Name** to 16 characters.

Hint:
It is advisable to enter phone numbers always preceded by their country code (e.g. **+49**332835160). This ensures that the associated contacts are also reachable from abroad.

Pushing **Apply** adds the new entry to the database. Pushing **Cancel** cancels the operation and discards all entered information.

5.1.2 Editing a Contact

Selecting a contact within the address book allows you to edit its associated details. Changes of the **Display Name** or the phone number are automatically pushed to the phone books of subscribing phones.

5.1.3 Deleting a Contact

By pushing the **Delete** button or the **Delete** key, the selected contact is removed from the address book. A confirmation dialog prevents accidental removals.

Warning:
Deleting a contact from the address book will trigger the removal of this entry from the phone books of all phones associated with the Phonemanager 3.

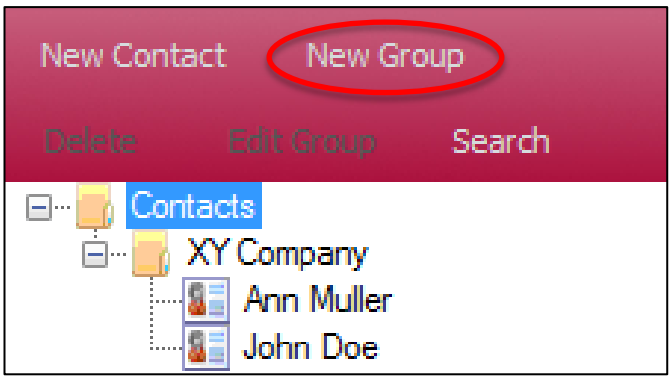
5.1.4 Contact Groups

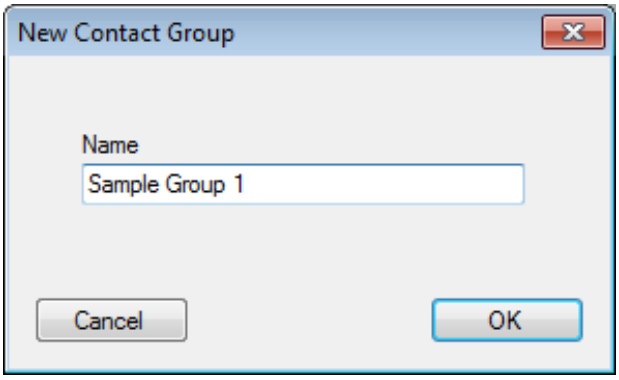
Contacts may be organized within contact groups to improve the overview and to simplify their processing.

5.1.4.1 Creating a New Contact Group

A new contact group is always created as an immediate subgroup of the top-level group **Contacts**. A new group can only be created when this top-level group is selected.

Push **New Group** within the **Address Book** to open the dialog asking for the name of the new group.





Pushing **OK** creates the new group within the database. Pushing **Cancel** terminates the process.

5.1.4.2 Editing Contact Groups

When a contact group is selected, the work window on the right-hand side will switch to the group display. It will list all contacts of the group. The action button **Edit Group** allows you to change the name of the group.

5.1.4.3 Deleting a Contact Group

By pushing the **Delete** button or the **Delete** key, the selected contact group is removed from the address book. A confirmation dialog prevents accidental removals.

Warning:
Deleting a contact group implies the deletion of all contained contacts from the address book. They will also be removed from the phone books of all phones associated with the Phonemanager 3.

Use drag & drop to move contacts you want to preserve to a different group prior to the deletion of their original group.

Note:
The top-level group **Contacts** cannot be deleted for programming reasons.

5.1.5 Searching for Contacts and Contact Groups

After pushing **Search**, a search field is displayed.

The search covers both contacts and contact groups. It is not case-sensitive.

Pushing the button

hides the search field.

5.2 Phones

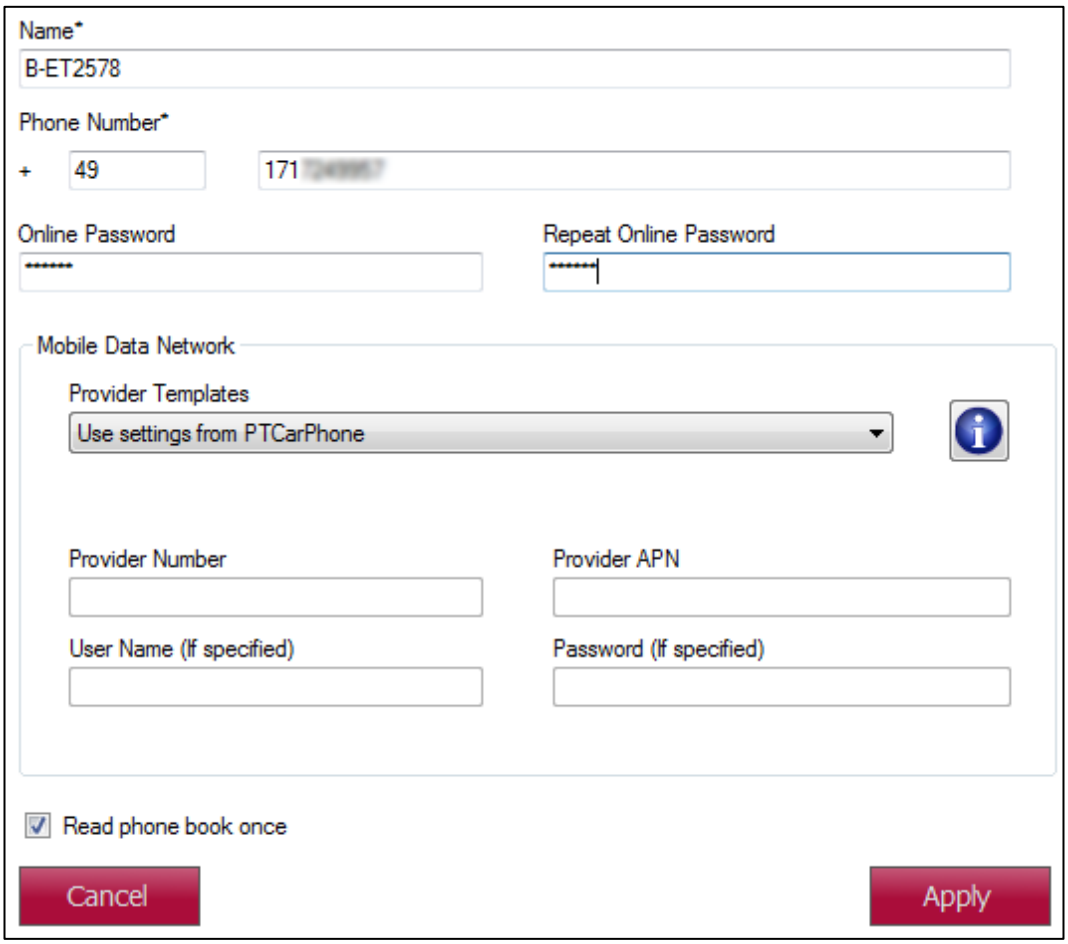
The **Phone List** of the main window enumerates all phones managed by this Phonemanager 3.

5.2.1 Creating a New Phone

Use the button **New Phone** to associate a new phone with this Phonemanager 3.

Hint:

If you have already organized your phones into groups, you can select such a group to create a new phone entry immediately as a member of this group.



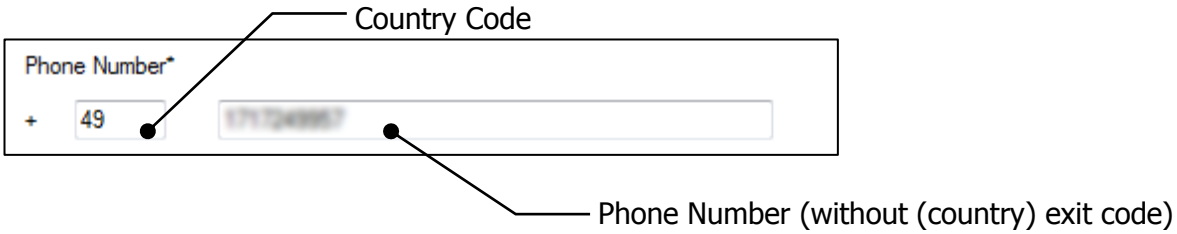
Name:

Enter a name to identify the new phone.

> **Hint:**
> Use expressive names to identify phones. You may, for instance, use the license plate number of the vehicle the phone belongs to. This ensures a good overview over the managed phones.

Phone Number:

Enter the phone number of the phone to be associated with this Phonemanager 3:



Password:

Enter the PTCarPhone's online password into the **Online Password** field.

> **Notice:**
> Change the online password **prior to** creating the phone in Phonemanager 3.

Changing the online password:

The default online password on the PTCarPhone is "Peitel".

As of firmware version 3.09.12/3.10.12(GPS), the default online password of the PTCarPhone is composed of the last six digits of the IMEI number. The IMEI number can be located on the label on top of the PTCarPhone. For security reasons, we strongly recommend to change the online password.

Changing the online password is easily done by text message (SMS). Just send the following text message to the PTCarPhone:

AT*PPWD="old password","new password"

Example: **AT*PPWD="Peitel","xyz"**

Please notice:

- The quotation marks are necessary.
- There must be no space character in the command line. Some text editors automatically insert a space character after a punctuation mark, like for example a comma. Make sure to remove it.

The PTCarPhone replies with a text message:

***PPWS: 1** → Password changed successfully

***PPWD: 0** → Change refused

Mobile Data Network:

The phone relies on internet connectivity for downloading its configuration files from the FTP server where the Phonemanager 3 deposits them. This requires correct GPRS settings in the phone. If in doubt, ask the provider of your SIM card for the correct settings.

For some providers, the manual entry of the GPRS settings is not necessary as their access data are pre-configured into the phone. Use the info button ( ) to retrieve a list of these providers.

Country	Provider Name	PTCarPhone Software
Australia	Telstra	4.xx.xx
France	Bouygues Telecom	3.xx.09
France	Orange	3.xx.09
France	SFR	3.xx.09
Germany	E-Plus	3.xx.09
Germany	O2/Telefonica	3.xx.09
Germany	T-Mobile D1	3.xx.09
Germany	Vodafone D2	3.xx.09
Luxembourg	T-Mobile	3.xx.09
Sweden	Telia	3.xx.09
Switzerland	Orange	3.xx.09

The column **PTCarPhone Software** tells the software version, which introduced the pre-configured access data for the corresponding provider. The access data of the listed providers does not need to be entered manually.

If your provider is not listed here, you may find it within the drop-down list of **Provider Templates**. If it is not listed there either, you need to obtain the access data directly from your provider and enter the **Provider Number**, the **Provider APN**, the **Username** and the **Passwort** manually.

Note:

The communication between the Phonemanager 3 and the phone requires correct and valid GPRS access information. Ask your provider if you do not know them.

Read phone book once:

Check this option in order to copy already existing entries in the phone book of the new phone into the address book of the Phonemanager 3. Uncheck this option if you do not wish to import these entries.

Warning:

The option **Read phone book once** is only available when the phone is initially created in the Phonemanager 3. If this option is unchecked, the phone book cannot be read later. All phone book entries of the phone will already be replaced by the entries defined by the Phonemanager 3 during the first transmission of configuration settings.

5.2.2 Editing a Phone

Select a phone from the Phone List to edit its properties and settings. Depending on the version of the PTCarPhone software, the following tabs will be available in the Work Window:

- Phone Book, and
- Phone Settings.

5.2.3 Deleting a Phone

By pushing the **Delete** button or the **Delete** key, the selected phone is removed from the Phone List. A confirmation dialog prevents accidental removals.

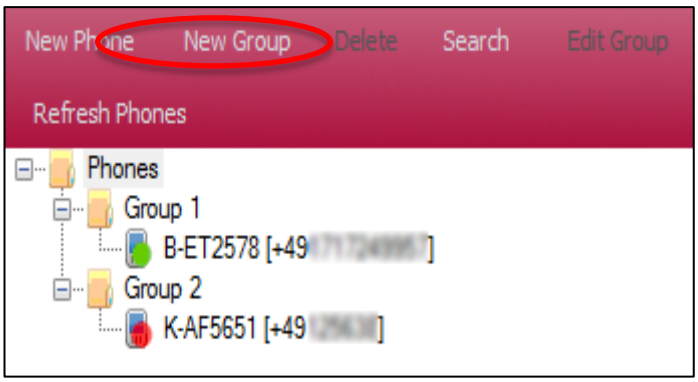
5.2.4 Phone Groups

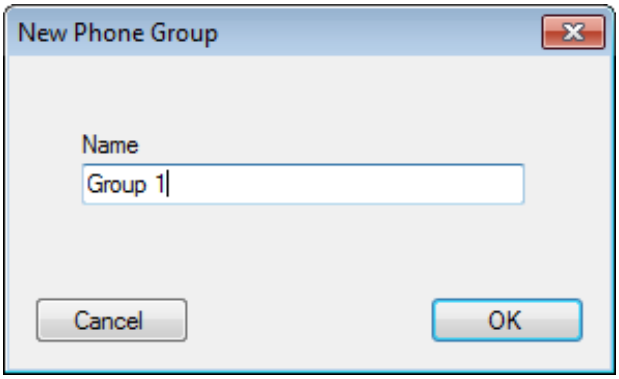
To improve the overview and to simplify their processing, phones may be organized within phone groups.

5.2.4.1 Creating a New Phone Group

A new phone group is always created as an immediate subgroup of the top-level group **Phones**. A new group can only be created when this top-level group is selected.

Push **New Group** within the **Phone List** to open the dialog asking for the name of the new group.





Pushing **OK** creates the new group within the database. Pushing **Cancel** terminates the process.

5.2.4.2 Editing a Phone Group

When a phone group is selected, the work window on the right-hand side will switch to the group display. It will list all phones of the group. The action button **Edit Group** allows you to change the name of the group.

5.2.4.3 Deleting a Phone Group

By pushing the **Delete** button or the **Delete** key, the selected phone group is removed from the phone list. A confirmation dialog prevents accidental removals.

Warning:
Deleting a phone group implies the deletion of all contained phones.

Use drag & drop to move phones you want to preserve to a different group prior to the deletion of their original group.

Note:
The top-level group **Phones** cannot be deleted for programming reasons.

5.2.5 Searching for Phones and Phone Groups

After pushing **Search**, a search field is displayed.

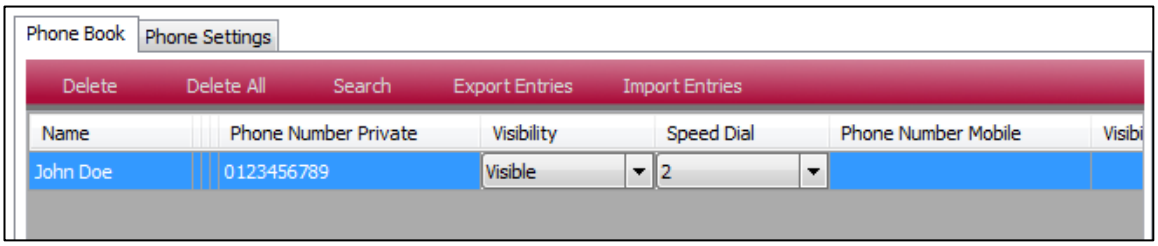
The search covers the names, numbers and groups of phones. It is not case-sensitive.

Pushing the button

hides the search field.

5.3 Phone Book

Upon the selecting of a phone, the work window on the right-hand side will display the **Phone Book** tab. Here, the individual phone book settings of the selected phone may be configured. The tab **Phone Settings** allows the editing of the name and the phone number of the phone as well as the configuration of the operation mode (see 5.4.2 Configuring the Operation Mode). Also, a software update may be initiated there.

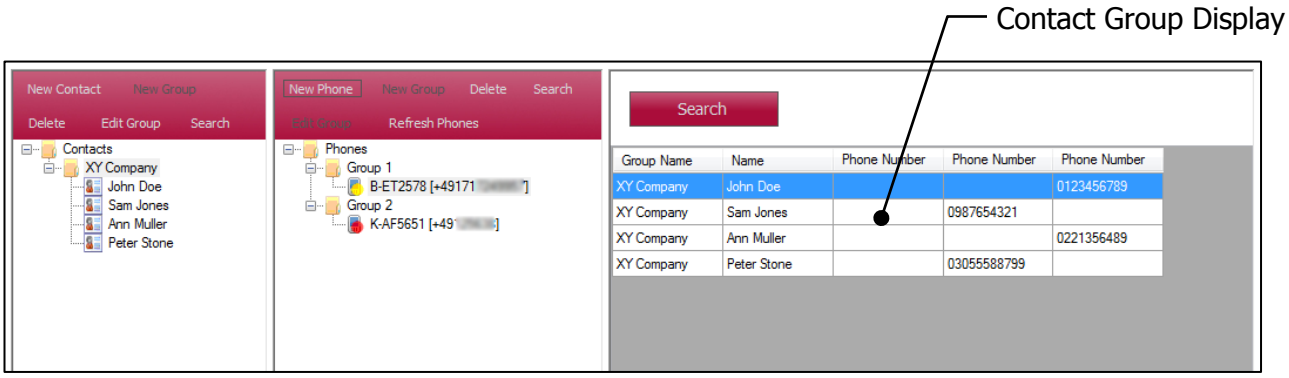


5.3.1 Adding a Phone Book Entry

This section describes how to subscribe a phone to a contact record, which will then appear as a phone book entry on the phone.

Select an entry from the Address Book and use drag & drop onto a phone or a phone book to link it with a phone. You may also drag & drop a complete contact group to link all its entries to a phone.

It is also possible to select multiple contacts from the contact group display by holding down the Ctrl-key during the selection. The contact group display appears in the work window when a contact group is selected in the Contact List. Again, use drag & drop to associate your selection with the phone.



All contacts already configured for a phone are listed under the tab **Phone Book**.

5.3.2 Editing a Phone Book Entry

Phone book entries are references to the address book and may only be edited there (see 5.1.2 Editing a Contact).

5.3.3 Deleting a Phone Book Entry

Select a phone book entry and push the **Delete** button to remove the entry from the phone book. A confirmation dialog prevents accidental removals.

Pushing **Delete all** will clear the complete phone book. A confirmation dialog prevents accidental removals.

5.3.4 Searching for Phone Book Entries

After pushing **Search**, a search field is displayed. The search covers the **Display Names** and phone numbers. It is not case-sensitive.

5.3.5 Visibility

The value of the column **Visibility** defines whether or not a phone book entry is visible or hidden on the phone.

5.3.6 Speed Dialing

The column **Speed Dial** allows the association of one of the speed dial numbers 1 through 9 with a phone book entry. Select the desired speed dial number from the provided drop-down menu.

5.3.7 Exporting All Phone Book Entries

The Phonemanager 3 provides an export function, which comprises all phone book entries of a specific phone including all associated settings such as their speed-dial and visibility configurations. This function simplifies the data export and data import between different Phonemanager 3 installations.

In order to export the phone book of a phone, select it from the Phone List. Select **Export Entries** in the action panel at the top of the work window. Choose an export folder and provide a meaningful name in the following file dialog. The Phonemanager 3 will then store all phone book entries to a phone book file (*.pm3pb).

5.3.8 Importing All Phone Book Entries

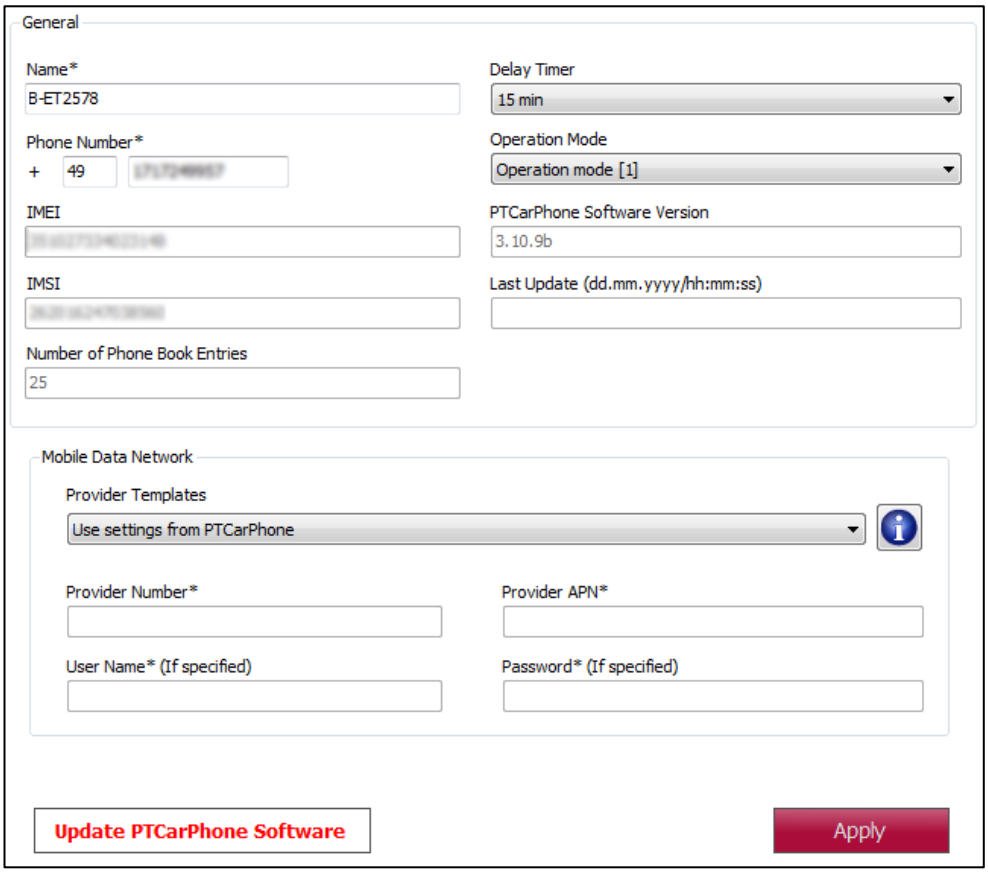
This function enables the easy import of a previously exported phone book file, which contains phone book entries including all associated settings such as their speed-dial and visibility configurations.

In order to import a phone book file, select the target phone from the Phone List. Select **Import Entries** in the action panel at the top of the work window. Choose the phone book file (*.pm3pb) in the provided file dialog and confirm your selection by pushing **Open**. The Phonemanager 3 will then import all phone book entries and their associated settings to the active phone book.

Note:
A record of the phone book file is only added to the phone book if its phone number is not matched by any already existing entry. If the phone number of a record from the phone book file matches that of an already existing entry, the existing entry is preserved.

5.4 Phone Settings

The tab **Phone Settings** allows the specification of the name and the number of a phone as well as the configuration of its delay timer and operation mode. It can also be used to initiate an update of the phone software. All other (grayed-out) fields contain read-only information about the selected phone.



Pushing **Apply** confirms all changes if any were made.

5.4.1 Configure the Delay Timer

The delay timer defines after how much time of inactivity and turned-off ignition the phone powers down automatically. This delay ensures that the phone does not power down when the ignition is only turned off temporarily as during short stops or freight loading and unloading.

The delay timer is restarted whenever the phone is used, i.e. upon each detected key stroke. If a phone with a configured delay timer of 0 minutes is switched on manually while the ignition is off, it will automatically power down after 15 minutes of inactivity. This 15-minute delay is not configurable.

The delay timer may be configured by selecting a time value from the provided drop-down menu.

Warning:
If the ignition wire is – contrary to the installation instructions – connected to a permanent positive voltage (V+), the configuration of the delay timer has no effect since the phone cannot detect the ignition state.

5.4.2 Configuring the Operation Mode

The Operation Modes define different sets of restrictions in the use of the phone so as to prevent unwanted costs. The configured Operation Mode effects the use of the phone book and the menu structure of the phone.

Operation Mode 0:

The phone is operated as regular phone. The phone book can be chosen between the one on the SIM card and the one of the device. By default, the SIM card phone book is selected. The use of menu operations is not restricted.

This operation mode is the factory default.

Note:

If a phone in Operation Mode 0 is managed by the Phonemanager 3, make sure to select **PHONE** under **MENU > PHONE BOOK > STORAGE**. Otherwise, the phone book entries configured by the Phonemanager 3 will not be visible on the phone.

Operation Mode 1:

This operation mode restricts the use of the phone with respect to the phone book. Only the phone book of the device is accessible. Menu operations for editing the phone book are no longer shown on the handset. However, no restrictions are imposed on manual dialing or sending SMS using the keypad.

Operation Mode 2:

In addition to the restrictions of operation mode 1, manual dialing is also restricted to visible entries of the configured phone book. These restrictions also apply for sending SMS. Emergency calls dialing 112 or 911 are possible without restrictions at any time. The menu option **Call Forwarding** is no longer available in the phone.

Operation Mode 3:

Operation mode 3 extends the restrictions of mode 2 to incoming calls. Only calls from numbers contained in the device phone book are accepted. Other calls and calls with a suppressed caller ID are silently rejected. There is no indication about the rejected call on the phone.

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